



EXPLANATION
Bedrock outcrop
Depth to water table, in feet
below land surface
Less than 20
20 to 40
Limit of well-defined,
20-foot-interval
water-table contours

Depth to the Water Table

The map of the depth to the water table (fig. 9) was calculated using the geographic information system to subtract the water-table altitude coverage from the smoothed land-surface and altitude coverage. The resulting coverage of the depth to the water table was plotted only for areas where the depth to the water table was greater than 20 feet. Contours beyond this area, the shallow aquifers may be unconfined, or transient, and the water table may be in the bedrock during much of the year. If shallow aquifers are present within this area, the water table generally will occur near the top of the bedrock, and the depth to it will be similar to the thickness of the unconsolidated section (fig. 3).

Depth to the water table in the study area ranges from zero to about 20 feet. The smallest depths generally are present along the low-lying parts of the stream valleys with greater depths occurring near the margins of the valley.

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